

# R&D LEAGUE

## MONTHLY REPORT

A Regular Distribution to the R&D League

Volume 5

### R&D LEAGUE IN THE NEWS



R&D Administrator, Kate Kinnison, presented on R&D League to City Council on January 28th and February 12th. It was well received by City Council, with the Mayor saying it was the most innovative program he'd seen come out of the City's Innovation Office to date!

- [New 4 Broadcast](#)
- [Smart Cities Dive](#)
- [San Antonio Business Journal](#)
- [KSAT Broadcast](#)
- [Rivard Report](#)

### RECENT DEVELOPMENTS

**R&D League is scoping out the following grant opportunities:**

- 1) DOE Bioenergy Solicitation-** SwRI and COSA Solid Waste, Sustainability and Innovation Departments are exploring a grant to advance the bioeconomy by diverting organic wastes from disposal for conversion to fuels, products, and energy.
- 2) NSF Smart & Connected Community-** UTSA, SwRI and CoSA Innovation are building off a 2019 JP Morgan Chase grant proposal, to target a high-risk neighborhood with 4 projects: Sensors on City Vehicles, NEZ Impacts Estimator, City Hall to Go and Digital Divide. Goal is to test the effectiveness of combining/targeting these approaches to alleviate poverty.
- 3) UTSA Smart & Connected Cities T2-** a cross-disciplinary team of UTSA professors are applying for UTSA's internal seed fund to kick-start the NEZ Impacts Estimator project.
- 4) DOE ARPA-E Grant-** SwRI and COSA Innovation, Sustainability, and Transportation Departments are exploring an opportunity to build communication networks between cars and traffic signals, reducing energy consumption by 10-20%.

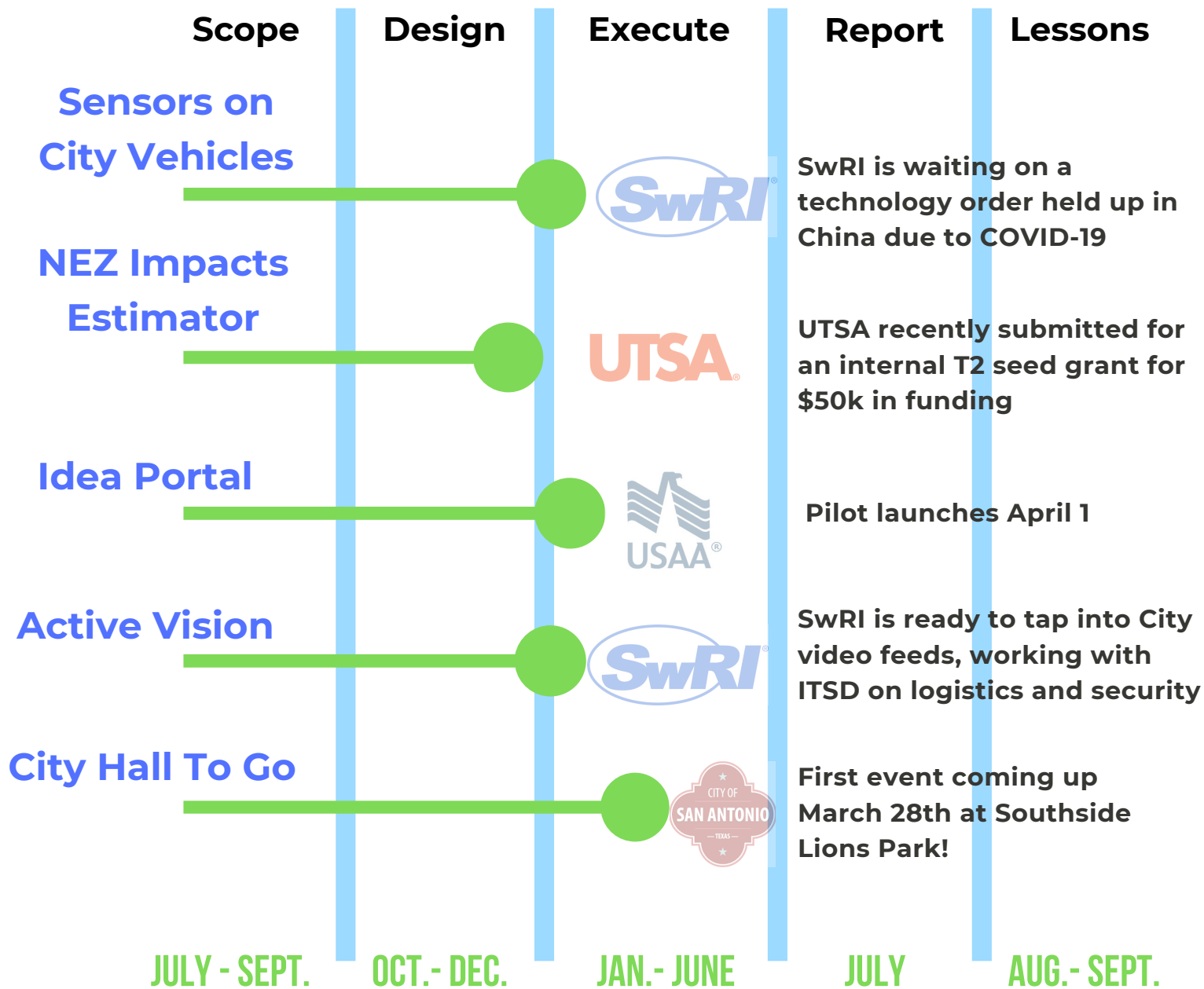
**Check out the ActiveVision video [here!](#)**

SwRI completed the first phase of their ActiveVision algorithms to detect traffic anomalies. To illustrate their work, they created a short video, and are ready to begin phase 2.

**Check out the Idea Portal Workshop Report attached!**

USAA led a Human Centered Design workshop on February 5th with 50 staff from 14 departments who will participate in the Idea Portal pilot from April-June. Staff designed the portal throughout the day, driving the current build out of the digital platform for ideas.

## PROGRESS AT-A-GLANCE



## MILESTONES COMPLETED

1 MOU    2 City Council Approval    3 Funding for 3/6 projects